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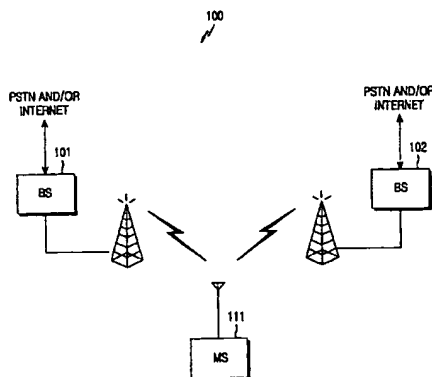
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[Continued on next page]

(54) Title: **MULTIMODE/MULTIBAND MOBILE STATION AND METHOD FOR OPERATING THE SAME**



(57) Abstract: A multimode/multiband mobile station and a method for operating the same are provided. A transmission module transmits multimode/multiband signals through transmitters. A reception module receives radio signals for different services of the same frequency band among multimode/multiband signals through receivers for the same frequency band, and receives radio signals of different frequency bands among the multimode/multiband signals through receivers for the different frequency bands. As compared with the conventional mobile station, the multimode/multiband mobile station can reduce the number of receivers by making use of one receiver to receive radio signals for different services of the same frequency band. The multimode/multiband mobile station can use a duplexer of the conventional frequency division duplex (FDD) technique (e.g., wideband code division multiple access (WCDMA)) in a time division duplex (TDD) technique (e.g., Global System for Mobile Communication (GSM) 850 or Personal Communication Service (PCS) 1900).



TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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